

The Honorable Richard A. Jones

UNITED STATES DISTRICT COURT  
FOR THE WESTERN DISTRICT OF WASHINGTON  
AT SEATTLE

BOMBARDIER, INC.,	)	
	)	NO. 2:18-cv-1543 RAJ
Plaintiff,	)	
	)	
v.	)	
	)	DECLARATION OF RICHARD
MITSUBISHI AIRCRAFT CORPORATION,	)	PERRILLO (FRONTEO USA, INC.)
MITSUBISHI AIRCRAFT CORPORATION	)	
AMERICA, INC.; AEROSPACE TESTING	)	
ENGINEERING & CERTIFICATION, INC.;	)	
MICHEL KORWIN-SZYMANOWSKI;	)	
LAURUS BASSON; MARC-ANTOINE	)	
DELARCHE; CINDY DORNÉVAL; KEITH	)	
AYRE; and JOHN AND/OR JANE DOES 1-88,	)	
	)	
Defendants.	)	

I, Richard Perrillo, declare as follows:

1. I am an individual resident of Astoria, New York. I have personal and firsthand knowledge of the facts set forth in this declaration. I can and will testify competently to such facts if called as a witness
2. I am a certified digital forensic examiner, ENCE, CCE, ACE, CCPA, employed by FRONTEO, USA Inc. ("FRONTEO") as a Senior Forensic Examiner and work out of

1 FRONTEO's New York office (777 3<sup>rd</sup> Avenue, 17<sup>th</sup> Floor, New York, NY 10017). My role with  
2 FRONTEO is with providing clients with digital forensics, e-Discovery, and related services. I  
3 have experience in, but not limited, to the forensic preservation, collection, and analysis of  
4 electronically stored information in support of both criminal and civil investigations for corporate  
5 clients. My designations are highly recognized and provide for a thorough understanding of digital  
6 forensics. I have been involved in hundreds of digital forensic investigations throughout my  
7 seventeen (17) years as a certified Forensic Examiner. A copy of my curriculum vitae was  
8 previously provided to Mark Bailey, attorney at Karr Tuttle Campbell ("Karr Tuttle").  
9

10 3. On November 28, 2018, FRONTEO was retained by Aerospace Testing  
11 Engineering & Certification, Inc. ("AeroTEC"), Michel Korwin-Szymanowski, Laurus Basson  
12 and Cindy Dornéval (collectively, the "Clients") to perform data collections pertaining to  
13 AeroTEC custodians. FRONTEO has been working with their counsel, Karr Tuttle Campbell.  
14

15 4. FRONTEO was directed to forensically collect the Clients' electronically stored  
16 information ("ESI") for subsequent analysis for the purpose of an exercise in due diligence in  
17 preparation for this matter (*Bombardier Inc. v. Mitsubishi Aircraft Corporation, et al*). I was  
18 advised that Bombardier had alleged that eleven documents had been misappropriated, and we  
19 were to determine whether those files existed on the Clients' servers or work devices.  
20

21 5. Duc Nguyen (FRONTEO, Senior Consultant) and I (on-site at AeroTEC's location,  
22 6100 4th Avenue South, Seattle, Washington 98108), obtained forensic images of multiple devices  
23 from the Clients (including laptops, desktops, hard drives, and servers), and later obtained forensic  
24 images of AeroTEC Network devices, including but not limited to the following, for which we  
25 have completed our initial analysis (Windows Forensic Environment was used along with FTK  
26 Imager to forensically acquire images of all laptop and desktop devices):  
27

- 1           • AeroTec Laptop devices:
- 2                \*Cindy Dorneval - AeroTec - Laptop\_SKYHOPPER335
- 3                \*Cindy Dorneval - Laptop\_SKYHOPPER196
- 4                \*Laurus Basson - AeroTec - Laptop\_SKYHOPPER339
- 5                \*Marc-Antoine Delarche - Laptop\_SKYHOPPER125
- 6                \*Michel Korwin-Szymanowski - Microsoft Surface Pro 3\_SURFACE001
- 7
- 8           • AeroTec Desktop devices:
- 9                \*Laurus Basson – AeroTec – Desktop\_PRECISION106
- 10              \*Marc-Antoine Delarche – Desktop\_PRECISION153
- 11
- 12           • AeroTec Network devices:
- 13                \*AeroTec\_FileServer\_DataDrive\_ROADEDGE2
- 14                \*AeroTec\_FileServer\_DataDrive\_COMMONSARE - Four Extensions (DOC,
- 15                DOCX, PDF, PPTX) – Native collection
- 16                \*AeroTec\_FileServer\_DataDrive\_FILEEDGE - Four Extensions (DOC, DOCX,
- 17                PDF, PPTX) – Native collection
- 18                \*Marc-Antoine DeLarche - Targeted (Old NAS)

19 (the “AeroTEC ESI”). A copy of the chain of custody logs are provided hereto as **EXHIBIT A.**

20

21           6.       Upon return to the FRONTEO New York office, the forensic image files were

22 copied, and hash verified without error to FRONTEO’s redundant network storage. Confirmation

23 of the hash verification of FRONTEO’s network copies is provided here as **EXHIBIT B.**

24           7.       I have examined all AeroTEC corporate devices and have searched each device,

25 including the AeroTEC workstations, laptops, and Network devices for documents of interest.

26

27

8. In following with Karr Tuttle Campbell's direction for the analysis of the AeroTEC ESI, I performed a file listing review against a list of file names as provided to me by Karr Tuttle. The file listings were generated for the items forensically imaged. A copy of the original file name list and additional keyword searches performed is provided in **EXHIBIT C**.

9. None of the following original eleven (11) filenames or any of the additional keyword searches resulted in any hits for the eleven documents listed below:

- a) TCCA Skew Detection Presentation- Updated with latest Systems and Structure Limits 16-02-01.pptx
- b) 016-03-03 TCCA Skew Detection Presentation-JAN 28 FINAL.pptx.RAA-BA503-412 Reduction of Temperature, Airspeed, Altitude and Mach Number Errors.pdf
- c) RAA-BA503-414 Lag\_Effects\_in\_the\_Production\_and\_Experimental\_Pitot-Static\_Systems.pdf
- d) RAA-BA503-418 Data Reduction of Ground Position Errors.pdf
- e) RAA-BA500-412 Rev A - Reduction of Temperature, Airspeed, Altitude and Mach Number Errors.pdf
- f) RAA-BA500-414-RevA-Lag\_Effects\_in\_the\_Production\_and\_Experimental\_Pitot Static\_Systems.pdf
- g) RAA-BA500-418\_signed.pdf
- i) FTP PROD CSeries Rev 5.0 – 17 November 2016.docx
- j) FTP PROD CSERIES Rev 5.0 – 17 November 2016.pdf
- k) BM7002.02.15.02 – Flight Performances.pdf

10. The file listing review and keyword searches resulted in zero (0) matches to the eleven files on any of the collected AeroTEC laptops, AeroTEC desktops and Network AeroTEC devices included in the AeroTEC Devices.

11. After signing a confidentiality agreement, I was provided access to the eleven documents. The eleven documents were not forensic copies of the eleven documents alleged to have been misappropriated. The files provided were simply PDF copies of the files for the purposes of this matter, and thus the files could not be treated as originals. Once forensic copies of the eleven documents are provided, hash value analysis of the data can be used to confirm the forgoing conclusions.

12. Based on the foregoing analysis, it is my opinion to a reasonable degree of certainty

1 based on standard forensic techniques and analysis that the eleven identified files do not exist on  
2 the devices and/or server "data" provided included in the AeroTEC ESI and analyzed by  
3 FRONTEO.

4 I declare under penalty of perjury of the laws of the United States that the foregoing is true  
5 and accurate.

6 Executed this 26<sup>th</sup> day of December, 2018, at Astoria, New York.

7 rperrillo@ubicglobal.com  
8 .com

Digitally signed by  
rperrillo@ubicglobal.com  
DN: cn=rperrillo@ubicglobal.com  
Date: 2018.12.26 16:04:37 -05'00'

Richard Perrillo

# EXHIBIT A

**FRONTEO**

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CHAIN OF CUSTODY FORM  
Revised 10/15/2018**Chain of Custody Form**Job Number: 181399Firm Name: Karr Tuttle CampbellCase Name: N1811141 - AeroTEC - CollectionsPrimary Contact: Mark A. Bailey / Karr Tuttle Campbell

PROPERTY SECTION			
Item Characteristics			
Item #:	Description:	Sealed: Yes / No	Item Specifics:
1	Custodian: Michel Korwin-Szymanowski Microsoft Surface (074189644353) (Surface Pro 3)		Make: Microsoft Model: Surface 1631 Serial: 074189644353
2	Custodian: Michel Korwin-Szymanowski SAMSUNG S8 SMARTPHONE FA00003357 (FRONTEO Asset)		Make: Samsung Model: Galaxy S8 (SM-G950U) Serial: IMEI: 358332080181857
3	Toshiba External Hard Drive		Make: Toshiba Model: DTB420 2TB Serial: b8BFTF63TSVF
			Make: Model: Serial:
			Make: Model: Serial:

**CONSENT TO SEARCH AGREEMENT:** You have presented yourself to FRONTEO as the person having care, control, and custody of the above listed items. By signing below, you are expressing your agreement to transfer care, control, and custody of the above listed items to FRONTEO as well as your consent to FRONTEO's search, both physical as well as electronic interrogation, of the above listed items.

CHAIN OF CUSTODY SECTION					
Item #	Date/Time	From	To	Reason	
1	Date: 11/28/18 Time: 4:23p	Name: Richard Reade Sign: [Signature]	Name: Duc Nguyen Sign: [Signature]	Received item #1 for forensic collection.	
2	Date: 11/29/18 Time: 3:20pm	Name: Michel Korwin-Szymanowski Sign: [Signature]	Name: RICHARD PERRILLO Sign: [Signature]	Received SMARTPHONE FOR FORENSIC COLLECTION	
2 & 3	Date: 11/29/18 Time: 9:27pm	Name: RICHARD PERRILLO Sign: [Signature]	Name: RICHARD READE Sign: [Signature]	RETURNED DEVICES AFTER FORENSIC COLLECTION	
1	Date: 11-30-18 Time: 5:29pm	Name: Duc Nguyen Sign: [Signature]	Name: RICHARD READE Sign: [Signature]	Returned item #1 after forensic collection.	
	Date: Time:	Name: Sign:	Name: Sign:		



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Firm Name: Karr Tuttle CampbellCase Name: N1811141 - Aero TEC - Collections  
Primary Contact: Mark A. Bailey / Karr Tuttle Campbell

PROPERTY SECTION			
Item Characteristics			
Item #:	Description:	Sealed: Yes / No	Item Specifics:
1	Laurus Basson (custodian) Dell Precision Tower 3620 "PRECISION 106"		Make: Dell Model: Precision Tower 3620 Serial: Service Tag: BSYK482
2	Laurus Basson (custodian) Lenovo ThinkPad P50 "SKYHOPPER 339"		Make: Lenovo Model: ThinkPad P50 Serial: PC-DN50AA 17/07
3	Laurus Basson (custodian) Apple iPhone 6 (A1549)		Make: Apple Model: iPhone 6 (A1549) Serial: ME1: 352018072607803
		Sealed: Yes / No	Make: Model: Serial:
		Sealed: Yes / No	Make: Model: Serial:

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CHAIN OF CUSTODY SECTION					
Item #	Date/Time	From	To	Reason	
1	Date: 11/28/18 Time: 4:23 p	Name: Richard Reade Sign: [Signature]	Name: Duc Nguyen Sign: [Signature]	Received item #1 for forensic collection.	
2 & 3	Date: 11/29/18 Time: 2:16:12	Name: L. BASSON Sign: [Signature]	Name: Richard Reade Sign: [Signature]	RECEIVED DEVICES FOR FORENSIC COLLECTION	
3	Date: 11-29-18 Time: 10:17 pm	Name: Duc Nguyen Sign: [Signature]	Name: L. BASSON Sign: [Signature]	Returned item #3 after collection completion.	
1 & 2	Date: 11-30-18 Time: 5:32 pm	Name: Duc Nguyen Sign: [Signature]	Name: Richard Reade Sign: [Signature]	Returned items #1 & 2 after collection completion.	
	Date: Time:	Name: Sign:	Name: Sign:		



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CHAIN OF CUSTODY FORM  
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PROPERTY SECTION			
Item Characteristics			
Item #:	Description:	Sealed: Yes / No	Item Specifics:
1	Custodian: Marc - Antoine DeLarche Lenovo ThinkPad P50		Make: <u>Lenovo</u> Model: <u>ThinkPad P50</u> Serial: <u>PC-0FGHYX 16/09</u>
2	Custodian: Marc - Antoine DeLarche Dell Precision Tower 3620		Make: <u>Dell</u> Model: <u>Precision Tower 3620</u> Serial: <u>Service Tag: 8LV1JB2</u>
			Make: Model: Serial: 
			Make: Model: Serial: 
			Make: Model: Serial: 

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CHAIN OF CUSTODY SECTION					
Item #	Date/Time	From	To	Reason	
1	Date: <u>11/28/18</u> Time: <u>2:123 p</u>	Name: <u>Richard Reader</u> Sign: <u>[Signature]</u>	Name: <u>Duc Nguyen</u> Sign: <u>[Signature]</u>	Received item #1 for forensic collection.	
2	Date: <u>11/29/18</u> Time: <u>2:04 p</u>	Name: <u>Richard Reader</u> Sign: <u>[Signature]</u>	Name: <u>Duc Nguyen</u> Sign: <u>[Signature]</u>	Received item #2 for forensic collection.	
1 & 2	Date: <u>11-30-18</u> Time: <u>5:35 pm</u>	Name: <u>Duc Nguyen</u> Sign: <u>[Signature]</u>	Name: <u>RICHARD READER</u> Sign: <u>[Signature]</u>	Returned item #1 & 2 following completion of collection.	
	Date: Time: 	Name: Sign: 	Name: Sign: 		
	Date: Time: 	Name: Sign: 	Name: Sign: 		

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CHAIN OF CUSTODY FORM  
Revised 10/15/2018**Chain of Custody Form**Job Number: 181399Case Name: N1811141 - AeroTEC - CollectionsFirm Name: Karr Tuttle CampbellPrimary Contact: Mark A. Bailey / Karr Tuttle Campbell

PROPERTY SECTION			
Item Characteristics			
Item #:	Description:	Sealed: <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	Item Specifics:
1	Custodian: Mark Bailey (Karr Tuttle Campbell) UPS #4572 6169 2336 (small box) WD My Passport Slim (Decryption key: 1415313570)	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	Make: WD Model: My Passport Slim Serial: WXH1E8548J1H
		Sealed: Yes / No	Make: Model: Serial:
		Sealed: Yes / No	Make: Model: Serial:
		Sealed: Yes / No	Make: Model: Serial:
		Sealed: Yes / No	Make: Model: Serial:

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CHAIN OF CUSTODY SECTION							
Item #	Date/Time		From		To		Reason
1	Date:	11-29-18	Name:	Mark Bailey	Name:	Duc Nguyen	Received sealed box (#1) for forensic collection.
	Time:	11:15	Sign:	<i>[Signature]</i>	Sign:	<i>[Signature]</i>	
	Date:		Name:		Name:		
	Time:		Sign:		Sign:		
	Date:		Name:		Name:		
	Time:		Sign:		Sign:		
	Date:		Name:		Name:		
	Time:		Sign:		Sign:		
	Date:		Name:		Name:		
	Time:		Sign:		Sign:		



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CHAIN OF CUSTODY FORM  
Revised 10/15/2018**Chain of Custody Form**Job Number: 181399  
Firm Name: Karr Tuttle CampbellCase Name: N181141 - AeroTEC - Collections  
Primary Contact: Mark A. Bailey / Karr Tuttle Campbell

PROPERTY SECTION			
Item Characteristics			
Item #:	Description:	Sealed: Yes / No	Item Specifics:
1	Lenovo ThinkPad P50 Custodian: Cindy Dorneval (Current assigned AeroTEC laptop)	Sealed: Yes / No	Make: <u>Lenovo</u> Model: <u>ThinkPad P50</u> Serial: <u>PC-ONSQA5 17/07</u>
		Sealed: Yes / No	Make: Model: Serial: 
		Sealed: Yes / No	Make: Model: Serial: 
		Sealed: Yes / No	Make: Model: Serial: 
		Sealed: Yes / No	Make: Model: Serial: 

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CHAIN OF CUSTODY SECTION					
Item #	Date/Time	From	To	Reason	
1	Date: <u>11/29/2018</u> Time: <u>12:11 p</u>	Name: <u>RICHARD READE</u> Sign: <u>[Signature]</u>	Name: <u>Duc Nguyen</u> Sign: <u>[Signature]</u>	Received item #1 for forensic collection.	
1	Date: <u>11-30-18</u> Time: <u>5:26 pm</u>	Name: <u>Duc Nguyen</u> Sign: <u>[Signature]</u>	Name: <u>RICHARD READE</u> Sign: <u>[Signature]</u>	Returned item #1 after collection completion.	
	Date: Time: 	Name: Sign: 	Name: Sign: 		
	Date: Time: 	Name: Sign: 	Name: Sign: 		
	Date: Time: 	Name: Sign: 	Name: Sign: 		

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CHAIN OF CUSTODY FORM  
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PROPERTY SECTION					
Item Characteristics					
Item #:	Description:			Item Specifics:	
1	LENOVO ThinkPad P50 Custodian: Cindy Dorneval "SKYHOPPER196"			Sealed: Yes / No	Make: LENOVO
					Model: ThinkPad P50
					Serial: PC-051TS3 16/12
2	CUSTODIAN: CINDY DORNEVAL APPLE IPHONE SE - 64GB			Sealed: Yes / No	Make: APPLE
					Model: MLMF2LL/A
					Serial: DX3T3UW2H2XL
3	Custodian: Cindy Dorneval Samsung Phone SM-G850W			Sealed: Yes / No	Make: Samsung
					Model: SM-G850W
					Serial: R38FA10X46Z
4	CUSTODIAN: CINDY DORNEVAL Fujitsu LIFEBOOK - PERSONAL LAPTOP			Sealed: Yes / No	Make: Fujitsu
					Model: LifeBook AH550
					Serial: R9Z08358
5	CUSTODIAN: CINDY DORNEVAL HP PROBOOK - PERSONAL LAPTOP			Sealed: Yes / No	Make: HP
					Model: ProBook 450 G5
					Serial: 5CD751C4EK

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CHAIN OF CUSTODY SECTION						
Item #	Date/Time		From		To	Reason
1	Date: 11/28/18	Name: Richard Reads	Name: Duc Nguyen	Sign: [Signature]	Sign: [Signature]	Received ThinkPad laptop for forensic collection
	Time: 4:29 p	Sign: [Signature]	Sign: [Signature]			
2,3	Date: 11/28/18	Name: CINDY DORNEVAL	Name: Duc Nguyen	Sign: [Signature]	Sign: [Signature]	RECEIVED SMARTPHONES FOR FORENSIC COLLECTION
	Time: 4:41 PM	Sign: [Signature]	Sign: [Signature]			
2	Date: 11/28/18	Name: RICHARD PERRILLO	Name: CINDY DORNEVAL	Sign: [Signature]	Sign: [Signature]	RETURNED SMARTPHONE AFTER COLLECTION COMPLETED
	Time: 6:47 pm	Sign: [Signature]	Sign: [Signature]			
4 & 5	Date: 11/29/18	Name: CINDY DORNEVAL	Name: RICHARD PERRILLO	Sign: [Signature]	Sign: [Signature]	RECEIVED LAPTOPS FOR FORENSIC IMAGING
	Time: 10:08 AM	Sign: [Signature]	Sign: [Signature]			
1	Date: 11/29/2018	Name: Duc Nguyen	Name: RICHARD PERRILLO	Sign: [Signature]	Sign: [Signature]	Returned item #1 after collection completion.
	Time: 5:20 pm	Sign: [Signature]	Sign: [Signature]			





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CHAIN OF CUSTODY FORM  
Revised 10/15/2018

## Chain of Custody Form

Job Number: 181399  
Firm Name: Karr Tuttle CampbellCase Name: N181141 - AeroTEC - Collections  
Primary Contact: Mark A. Bailey / Karr Tuttle Campbell

PROPERTY SECTION			
Item Characteristics			
Item #:	Description:	Item Specifics:	
	Sealed: Yes / No	Make:	
		Model:	
		Serial:	
	Sealed: Yes / No	Make:	
		Model:	
		Serial:	
	Sealed: Yes / No	Make:	
		Model:	
		Serial:	
	Sealed: Yes / No	Make:	
		Model:	
		Serial:	
	Sealed: Yes / No	Make:	
		Model:	
		Serial:	

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CHAIN OF CUSTODY SECTION					
Item #	Date/Time	From	To	Reason	
4	Date: 11-30-18	Name: Duc Nguyen	Name: CINDY DORNEVAL	Returned item # 4 after collection completion.	
	Time: 4:00 pm	Sign: [Signature]	Sign: [Signature]		
3	Date: 11-30-18	Name: Duc Nguyen	Name: CINDY DORNEVAL	Returned item # 3 after collection completion.	
	Time: 4:59 pm	Sign: [Signature]	Sign: [Signature]		
5	Date: 11-30-18	Name: Duc Nguyen	Name: CINDY DORNEVAL	Returned item # 5 after collection completion.	
	Time: 5:01 pm	Sign: [Signature]	Sign: [Signature]		
	Date:	Name:	Name:		
	Time:	Sign:	Sign:		
	Date:	Name:	Name:		
	Time:	Sign:	Sign:		

SAN FRANCISCO | SILICON VALLEY | LOS ANGELES | PORTLAND | SEATTLE | PHOENIX | DENVER | HOUSTON  
WASHINGTON, D.C. | NEW YORK | TOKYO | OSAKA | NAGOYA | SEOUL | TAIPEI CITY | MANILA | HONG KONG | LONDON

181399 - Cindy Dorneval Page 2 of 2

# EXHIBIT B





# ATTACHMENT B: AeroTec Workstations – Verified Hash Values

Upon return to the FRONTEO New York office, the forensic image files were copied, and hash verified without error to FRONTEO's redundant network storage.

Confirmation of the hash verification of FRONTEO's network copies is provided here:

Cindy Dorneval - AeroTec – Laptop - SKYHOPPER335

MD5 checksum: 9efa70cfe3fbd009681f5f452595b816 : verified (MATCH)

SHA1 checksum: 1469b6ca2f043beb5f666d96cbd722903a0e469d : verified (MATCH)

Cindy Dorneval - Laptop\_SKYHOPPER196

MD5 checksum: 9e6da2423be7167e416506245d4e6fe2 : verified (MATCH)

SHA1 checksum: 4f428ba7c1adbe2ceab6d48a3caef4ea153bcb4e : verified (MATCH)

Laurus Basson - AeroTec - Laptop\_SKYHOPPER339

MD5 checksum: 8fd9d9a5780c95b97535a973240dffe8 : verified (MATCH)

SHA1 checksum: de73b0bfd9e9ba4aaa7e109f98d3fce2954eb2e3 : verified (MATCH)

Marc-Antoine DeLarche - Laptop\_SKYHOPPER125

MD5 checksum: 7cefd8dc37ba0fb3b38ef413d108a32e : verified (MATCH)

SHA1 checksum: ae436fb6eccc7adf825e022db349ce4e18e6cb4f : verified (MATCH)

Michel Korwin-Szymanowski - Microsoft Surface Pro 3\_SURFACE001

MD5 checksum: 2218500af7002d089c67d3e6af25a5a5 : verified (MATCH)

SHA1 checksum: de048c02b9fdd467bb581f05d16e2693091216cf : verified (MATCH)

Laurus Basson – AeroTec – Desktop\_PRECISION106

MD5 checksum: 49ba3c4e189ceb6e6c199c1db3aae630: verified (MATCH)

SHA1 checksum: 74245c1919e0ba4a354960633822e61c05b65454: verified (MATCH)

Marc-Antoine DeLarche - Desktop\_PRECISION153

MD5 checksum: b567573be12a1efe28463ce61b8a30cb: verified (MATCH)

SHA1 checksum: 3dca9387e4f9d7f02c708f2d3d3f95d09cd51467: verified (MATCH)

AeroTec\_FileServer\_DataDrive\_ROADEDGE2

MD5 checksum: 43d5c6a77bab685625ad53ec1c2d2449: verified (MATCH)

SHA1 checksum: c5654f724d9855ba1d00afb03732647dde1a38fe: verified (MATCH)



AeroTec\_FileServer\_DataDrive\_ROADEDGE2

MD5 checksum: 43d5c6a77bab685625ad53ec1c2d2449: verified (MATCH)

SHA1 checksum: c5654f724d9855ba1d00afb03732647dde1a38fe: verified (MATCH)

Marc-Antoine DeLarche - Targeted (Old NAS)

MD5 checksum: c862459e5b9897d01f78ca6d840d8326: verified (MATCH)

SHA1 checksum: 102651a7d6903a20841985970fb7f0ab56adb6cf: verified (MATCH)

# EXHIBIT C



Exhibit C  
Search Criteria

#	Source	Details (File Name or Search Term)
1	Original File Name	TCCA Skew Detection Presentation- Updated with latest Systems and Structure Limits 16-02-01.pptx
2	Original File Name	2016-03-03 TCCA Skew Detection Presentation-JAN 28 FINAL.pptx.
3	Original File Name	RAA-BA503-412 Reduction of Temperature, Airspeed, Altitude and Mach Number Errors.pdf RAA-BA503-414 Lag_Effects_in_the_Production_and_Experimental_Pitot-Static_Systems.pdf
4	Original File Name	RAA-BA503-418 Data Reduction of Ground Position Errors.pdf
5	Original File Name	RAA-BA500-412 Rev A - Reduction of Temperature, Airspeed, Altitude and Mach Number Errors.pdf
6	Original File Name	RAA-BA500-414-RevA- Lag_Effects_in_the_Production_and_Experimental_Pitot-Static_Systems.pdf
7	Original File Name	RAA-BA500-418_signed.pdf
8	Original File Name	FTP PROD CSeries Rev 5.0 - 17 November 2016.docx
9	Original File Name	FTP PROD CSERIES Rev 5.0 - 17 November 2016.pdf
10	Original File Name	BM7002.02.15.02 - Flight Performances.pdf
11	Original File Name	could not provide required skew resolution
12	Search Term for PDF Subset (OCRd)	BA500-000001
13	Search Term for PDF Subset (OCRd)	Systems limits for Jam Disconnect skew
14	Search Term for PDF Subset (OCRd)	RAA-BA503-412
15	Search Term for PDF Subset (OCRd)	RAA-BA503-414
16	Search Term for PDF Subset (OCRd)	RAA-BA503-418
17	Search Term for PDF Subset (OCRd)	RAA-BA500-412
18	Search Term for PDF Subset (OCRd)	RAA-BA500-414
19	Search Term for PDF Subset (OCRd)	RAA-BA500-418
20	Search Term for PDF Subset (OCRd)	HIGH ALPHA PROTECTION
21	Search Term for PDF Subset (OCRd)	BM7002.02.15.02
22	Search Term from Original File Names	TCCA Skew Detection Presentation
23	Search Term from Original File Names	Updated with latest Systems and Structure Limits
24	Search Term from Original File Names	TCCA Skew Detection Presentation
25	Search Term from Original File Names	RAA-BA503-412
26	Search Term from Original File Names	Lag_Effects_in_the_Production_and_Experimental_Pitot-Static_Systems
27	Search Term from Original File Names	





#	Source	Details (File Name or Search Term)
28	Search Term from Original File Names	RAA-BA503-418
29	Search Term from Original File Names	Data Reduction of Ground Position Errors
30	Search Term from Original File Names	RAA-BA500-412
		Rev A - Reduction of Temperature, Airspeed, Altitude and Mach
31	Search Term from Original File Names	Number Errors
32	Search Term from Original File Names	RAA-BA500-414-RevA
		Lag_Effects_in_the_Production_and_Experimental_Pitot-
33	Search Term from Original File Names	Static_Systems
34	Search Term from Original File Names	RAA-BA500-418
35	Search Term from Original File Names	FTP PROD CSeries
36	Search Term from Original File Names	FTP PROD CSERIES
37	Search Term from Original File Names	BM7002.02.15.02
38	Search Term from Original File Names	TCCA Skew
39	Search Term from Original File Names	RAA-BA50
40	Search Term from Original File Names	Lag_Effects
41	Search Term from Original File Names	Lag Effects
42	Search Term from Original File Names	CSeries
43	Search Term from Original File Names	Flight Performances
44	Search Term from Original File Names	BM7002